

**ABSTRACT****DIAZABICYCLIC ARYL DERIVATIVES AS  
NICOTINIC ACETYLCHOLINE RECEPTOR LIGANDS**

This invention relates to novel diazabicyclic aryl derivatives which are found to be cholinergic ligands at the nicotinic acetylcholine receptors. Due to their pharmacological profile the compounds of the invention may be useful for the treatment of diseases or disorders as diverse as those related to the cholinergic system of the central nervous system (CNS), the peripheral nervous system (PNS), diseases or disorders related to smooth muscle contraction, endocrine diseases or disorders, diseases or disorders related to neuro-degeneration, diseases or disorders related to inflammation, pain, and withdrawal symptoms caused by the termination of abuse of chemical substances.